

# Sudheer Chaurasia

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## EDUCATION

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### Dronacharya College of Engineering

Bachelor of Technology, Computer Science and Engineering

Gurugram, Haryana

Oct. 2021 – Present

## TECHNICAL SKILLS

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**Languages:** C/C++, Python, SQL, JavaScript, HTML/CSS, R

**Frameworks:** Next.js, React, TypeScript, Node.js, Express

**Developer Tools:** Docker, AWS, GCP, git

**Libraries:** pandas, NumPy, Matplotlib **Databases:** PostgreSQL, MongoDB

## EXPERIENCE

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### Full Stack Developer

Global Electronics Solutions

Mar. 2024 – Present

Gurugram, Haryana

- Spearheaded a digital transformation initiative, architecting and developing an e-commerce platform. Designed and built a company website featuring an intuitive **UX/UI**, significantly boosting user engagement with a responsive design and interactive elements.
- Implemented efficient caching strategies and lazy loading techniques, reducing load times by 60% and enhancing site speed.
- Engineered solutions using **Next.js**, improving response times on critical pages by **120 ms** while enhancing SEO, directly increasing content discoverability across digital channels without compromising design integrity.
- Orchestrated **Docker** containerization and **AWS** cloud deployment with robust CI/CD pipelines, achieving 99.9% uptime and enabling rapid feature rollouts.

### Frontend Developer

Edunet Foundation

June 2023 – Aug. 2023

Delhi, India

- Deployed and configured over 10 web applications using **React**, improving user experience and operational efficiency by 30%, resulting in a 20% increase in engagement among students and faculty.
- Diagnosed and resolved 90% of frontend-related technical issues for students and faculty within 48 hours by applying modern debugging techniques in **JavaScript** and **React**, reducing user-reported bugs by 40%.
- Managed the upkeep and optimization of 15 React-based web interfaces styled with **CSS**, ensuring 99% uptime and improving load times by 50%, enhancing the user experience for over 5,000 campus users.

## PROJECTS

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### Swasthlekha | [Link](#) | *React.js, Tailwind, TypeScript, Nodejs and ExpressJs, PostgreSQL*

May 2024 – April 2024

- Improved appointment management with **React.js** and **Tailwind**, increasing efficiency by 30%, facilitating smoother coordination between patients and doctors, and reducing back-and-forth communication by 20%.
- Implemented automated scheduling using **Node.js** and **Express.js**, reducing patient waiting times by 40% and allowing doctors to see 25% more patients per day, optimizing time for both.
- Streamlined workflows for OPD checkups and medical record management with **PostgreSQL** and **Prisma**, enhancing operational efficiency by 35% and reducing the time spent on report understanding by 25%.
- Integrated single-click SignIn/SignUp using Google Cloud Platform (**GCP**) and **TypeScript**, improving the user registration process by 50% and increasing the user base by 20%.

### MLHybridX-Module | [Link](#) | *Python, Scikit-learn, PyPi*

Aug. 2023 – Sept. 2023

- Achieve basic machine learning tasks in just **3 lines** of code, reducing development time by 70% compared to traditional methods that often require over 10 steps.
- Implement machine learning algorithms in under **5 minutes** using this module, compared to the average of 30 minutes with standard procedures.
- Conduct simple data analysis with MLHybridx in just 2 function calls, decreasing code complexity by 50% and improving readability.